

<p>89-259866/36 D25 E19 G04 KAOS 22.01.88          KAO CORP *JO 1188-595-A          22.01.88-JP-012061 (27.07.89) C11d-01/28 0061-01/04  <b>Detergent compsn. for dry cleaning - contg. mixt. of sulpho-          tricarballylic ester salts</b>  <b>C89-115536</b></p>	<p>D(11-A1A, 11-A1B2, 11-B16, 11-D1) E(10-A9B8) G(4-B8)</p>
<p>A new detergent compsn. for dry cleaning contains one or          a mixt. of sulphotricarballylic ester salts of formulae (I)          and (II)</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <math display="block">\begin{array}{c} \text{CH}_2\text{COOR}_1 \\   \\ \text{XO}_3\text{S} - \text{C} - \text{COOR}_2 \\   \\ \text{CH}_2\text{COOR}_2 \end{array} \quad (\text{I})</math> </div> <div style="text-align: center;"> <math display="block">\begin{array}{c} \text{XO}_3\text{S} - \text{CHCOOR}_1 \\   \\ \text{CHCOOR}_2 \\   \\ \text{CH}_2\text{COOR}_3 \end{array} \quad (\text{II})</math> </div> </div> <p><math>R_1, R_2</math> and <math>R_3 = 1-20\text{C}</math> opt. branched alkyl or alkenyl, or          one of H, alkali metals, alkaline earth metals          and org. amines (at least two of them are          the alkyl or alkenyl gps.); and  <math>X =</math> alkali metal alkali earth metal, or org amine.</p>	<p><u>USE/ADVANTAGE</u>          The compsn. has good phase stability and a good          water-solubilising ability (a hydrated ability). It thus          readily forms a uniform pretreating liq with any commercial          petroleum solvent.</p> <p><u>EXAMPLE</u>          (I) and (II) include the sodium salts of tri-2-ethyl          butyl sulphotricarballylate, trihexyl sulphotricarballylate          and tri-2-ethyl hexyl sulphotricarballylate, and the potassium          salts of trioctyl sulphotricarballylate, trioctyl sulphotricarb-          allylate, and tributyl sulphotricarballylate. (6ppW31MBDwgNo          0/0).</p> <p style="text-align: right;">J00188595-A</p>